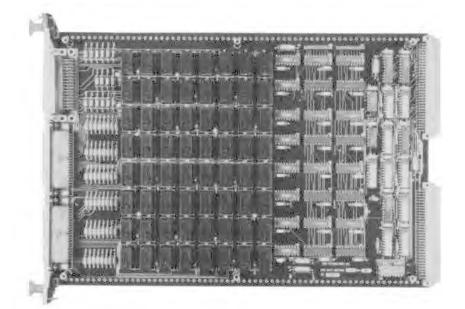


(512) 733-2621 • FAX (512) 733-2629 • www.chtech.com



VX414C SPST plus SPDT Switching Module

The VX414C 16/48-Channel Switching Module is a C size, Register based switching card that provides 16 channels of SPST (Form-A) switching and 48 channels of SPDT (Form-C) switching. The 16 Form-A channels are rated for up to 5 amps and the 48 Form-C channels are rated for up to 2 amps. MODID and Board Select indicators are included. Module is equipped with BIT capability and shielding.

Specifications:

Maximum Input Voltage: Terminal to Terminal: 250 Vdc or ac_{rms} Terminal to Chassis: 250 Vdc or ac_{rms}

Maximum Switchable Voltage: 100 Vdc, 250 Vac_{rms}

Maximum Switchable Current: (DC or AC_{rms}): Form A: 5A (125 Vac, 30 Vdc) Form C: 2A (125 Vac, 30 Vdc)

Maximum Switchable Power:Form A:625 VaForm B:250 Va

Closed Channel Resistance: Initially $\leq 0.1 \ \Omega$

Insulation Resistance (between any two points): $>10^8\Omega$

Relay Life (operations):		
At rated load	1 x 10 ⁷	
Relay Operative Time:		
6 msec (typical)		
Relay Release Time:		
4 msec (typical)		
Power Up/Down States:		

Polov Life (operations)

Normally open contact is open.

Power: +5V @ 1.0A typical +12V @ 1.5A typical

Ordering Information:

Description	Part Number
VX414C	11027680-0001

VXIbus Compliance

Complies with ANSI/IEEE Std. 1014-1987 and VXIbus Rev 1.4

A16:D16 DTB Slave

Register based

No Interrupts

IACKIN tied to IACKOUT

BRX tied to BGX

Form Factor: Size C

Built-in test via register feedback

Applications

- Power Switching
- Control
- LF Signal Switching